
SECTION 1: Identification of the mixture and of the company.

1.1 Product identifiers

Product name : Smart Mud 200 ml

Product Number : VMS.DI04

Brand : VMS

EC-No. : 300-212-6, 232-674-9, 604-020-00-6, 011-002-00-6, 215-168-1, 215-277-5

REACH No. : N/A

CAS-No. : 93924-19-7, 9004-34-6, 90-43-7, 1310-73-2, 1309-37-1, 1317-61-9, 51274-00-1

UFI : N/A

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses : Consumer use – scale models.

1.3 Details of the supplier of the safety data sheet

Company : Krzysztof Obarski Hobby Pro
Przemysłowa 39
PL-61-541 POZNAN

Telephone : + 48 510628973

Fax

E-mail address : contact@vms-supplies.com

1.4 Emergency telephone

Emergency Phone # : +(48)510628973

SECTION 2: Hazards identification

2.1 Classification of the mixture

Classification according to Regulation (EC) No 1272/2008

Not classified as a hazardous mixture.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

This product does not require classification and labelling as hazardous according to CLP/GHS.

Pictograms N/A

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Mixture composition

Component		Classification	Concentration
Aqueous dispersion of a thermoplastic acrylic polymer.		-	<= 34.2 %
Formula:	-		
CAS-No. :	-		
EC-No. :	-		
Component		Classification	Concentration
Ash filler, cenosphere		-	<= 46.2 %
Formula:	-		
CAS-No. :	93924-19-7		
EC-No. :	300-212-6		
Component		Classification	Concentration
Cellulose		-	<= 2.1%
Formula:	-		
CAS-No. :	9004-34-6		
EC-No. :	232-674-9		
Component		Classification	Concentration
2-Phenylphenol		Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Aquatic Acute 1; H315, H319, H335, H400 M-Factor - Aquatic Acute: 1	<= 0.25-0.35%
Formula:	-		
CAS-No. :	90-43-7		
EC-No. :	604-020-00-6		
Component		Classification	Concentration
Sodium hydroxide		Met. Corr. 1; Skin Corr. 1A; Eye Dam. 1; H290, H314, H318 Concentration limits: >= 5 %: Skin Corr. 1A, H314; 2 - < 5 %: Skin Corr. 1B, H314; 0,5 - < 2 %: Skin Irrit. 2, H315; 0,5 - < 2 %: Eye Irrit. 2, H319; >= 0,4 %: Met. Corr. 1, H290;	<= 0.05-0.1%
Formula:	-		
CAS-No. :	1310-73-2		
EC-No. :	011-002-00-6		

Component		Classification	Concentration
Diiron trioxide aqueous solution		-	<= 4,25%
Formula:	Fe ₂ O ₃		
CAS-No. :	1309-37-1		
EC-No. :	215-168-1		
Component		Classification	Concentration
Triiron tetraoxide aqueous solution		-	<= 4,25%
Formula:	Fe ₃ O ₄		
CAS-No. :	1317-61-9		
EC-No. :	215-277-5		
Component		Classification	Concentration
Iron hydroxide oxide aqueous solution		-	<= 8,5%
Formula:	FeOOH		
CAS-No. :	51274-00-1		
EC-No. :	257-098-5		

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice

Consult a physician. Show this material safety data sheet to the doctor in attendance.

If inhaled

After inhalation: fresh air

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water Foam, Carbon dioxide (CO₂) Dry powder

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Not flammable.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area.

Avoid generation of dusts.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

N/A

Skin protection

N/A

Body Protection

N/A

Respiratory protection

N/A

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- | | |
|----------------------------------|-----------------------------|
| a) Appearance | Form: paste
Color: brown |
| b) Odor | odorless |
| c) Odor Threshold | No data available |
| d) pH | 7 – 8 |
| e) Melting | No data available |
| point/freezing point | No data available |
| f) Initial boiling point | No data available |
| and boiling range | |
| g) Flash point | No data available |
| available | |
| h) Evaporation rate | No data available |
| i) Flammability (solid, gas) | No data available |
| j) Upper/lower | No data available |
| flammability or explosive limits | No data available |
| k) Vapor pressure | No data available |
| l) Vapor density | No data available |
| m) Relative density | No data available |
| n) Water solubility | Soluble |
| q) Decomposition temp. | No data available |

- s) Explosive properties No data available
- t) Oxidizing properties No data available

9.2 Other safety information

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable if used according to specifications.

10.2 Chemical stability

Sensitivity to light

The product is chemically stable under standard ambient conditions (room temperature) .

10.3 Possibility of hazardous reactions

Violent reactions possible with:

Strong oxidizing agents

Bases

Metals

phosphates

sodium hypochlorite

acids

10.4 Conditions to avoid

no information available

10.5 Incompatible materials

Strong acids and strong oxidizing agents.

10.6 Hazardous decomposition products

In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Not classified as acute toxic.

Acute Toxicity

2-Phenylphenol, sodium hydroxide:

LD50, dermal: > 5000 mg/kg (rat; OECD 402)

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Causes chemical burns (rabbit; OECD 404)

Irritant effect on eyes:

Risk of serious damage to eyes (rabbit; OECD 405)

Inhalation:

Irritates the respiratory tract.

Ingestion:

No information available
Sensitization:
Non sensitizing (guinea pig; OECD 406).
Mutagenicity:
No mutagenic effects known.
Reproductive toxicity:
2-Phenylphenol: based on available data the classification criteria are not met (ECHA)
Carcinogenicity:
2-Phenylphenol: based on available data the classification criteria are not met (ECHA)
Teratogenicity:
No information available.
Specific target organ toxicity (STOT):
Single exposure: no information available.
Repeated exposure: NOAEL (oral): > 300 mg/m³ bw/d (rat, m/f; OECD 453); NOAEL (dermal): > 1000 mg/kg (21d; rat, m/f; OECD 410)
Additional toxicological information:
If splashed in the eyes, the liquid may cause irreversible damage and blindness

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Dispose of according to official national and local regulations.

European Waste Code (EWC)

Waste codes should be assigned by the user based on the application for which the product was used.

Uncleaned packaging:

Packaging may be disposed of in the same manner as the product.

SECTION 14: Transport information

14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: Non dangerous goods

IMDG: Non dangerous goods

IATA: Non dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

No data available

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

REACH - Restrictions on the manufacture, : placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was carried out.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Hobby Pro Krzysztof Obarski shall not be held liable for any damage resulting from handling or from contact with the above product.